

FIG. 1

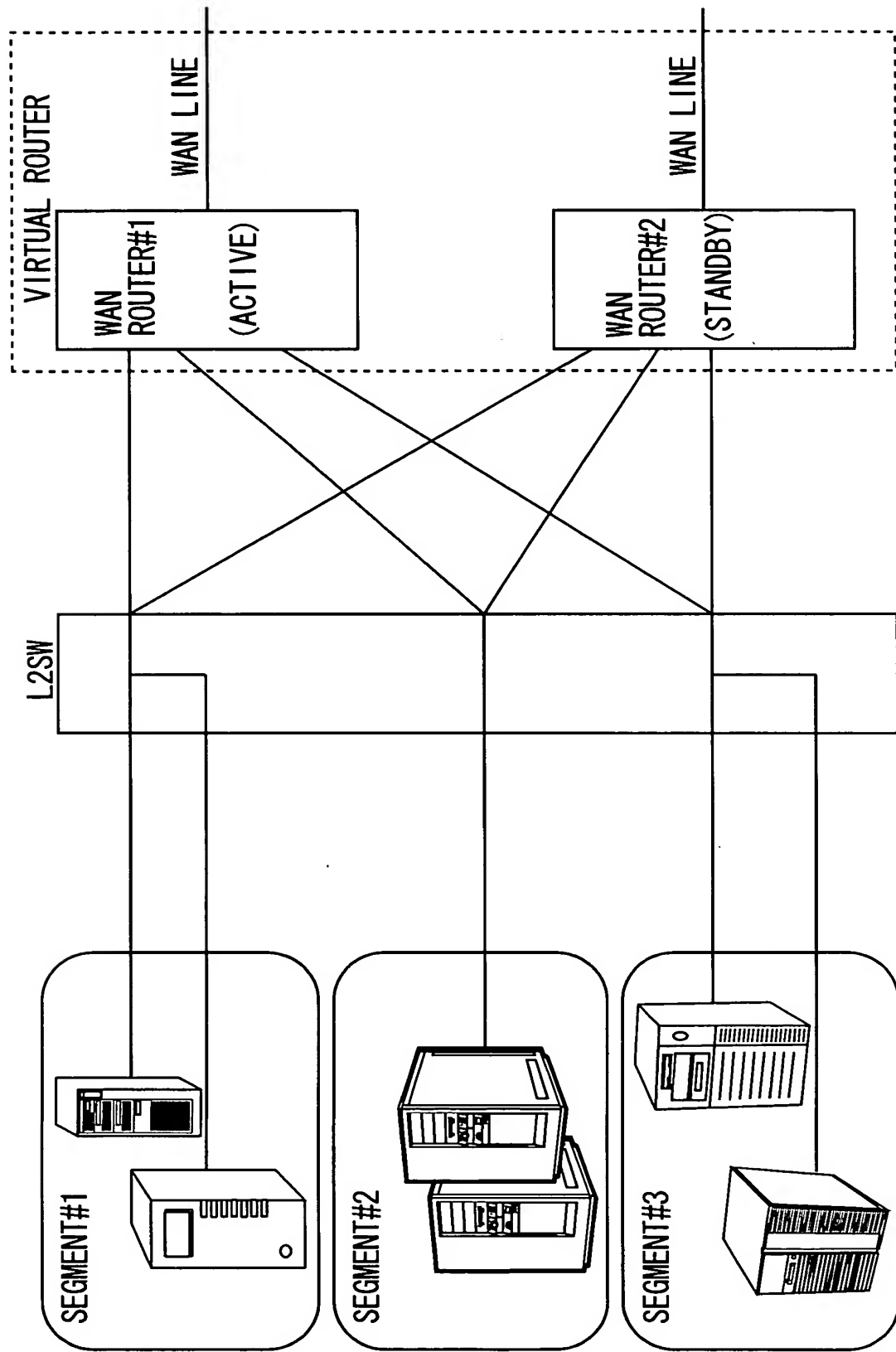


FIG. 2

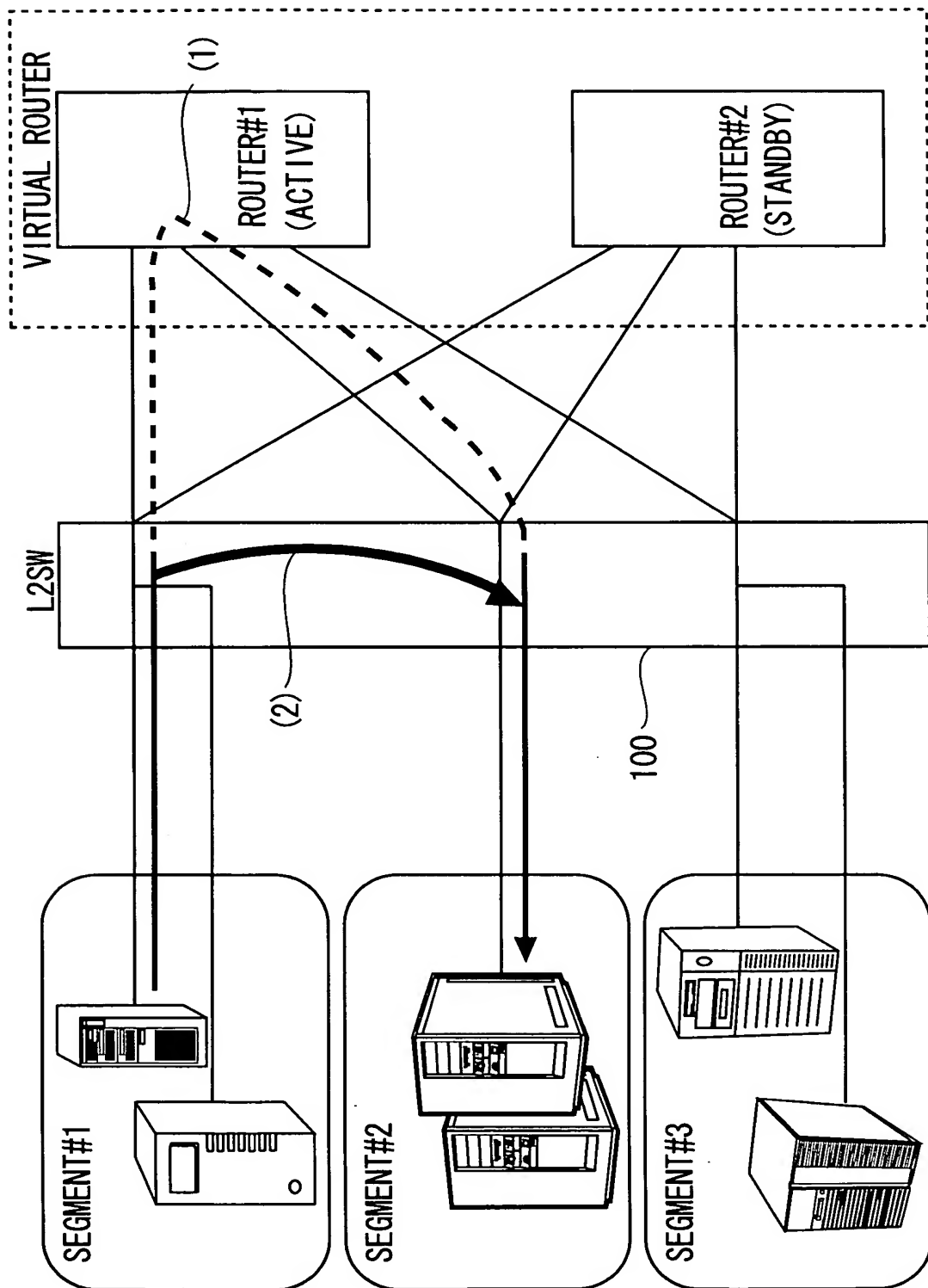


FIG. 3

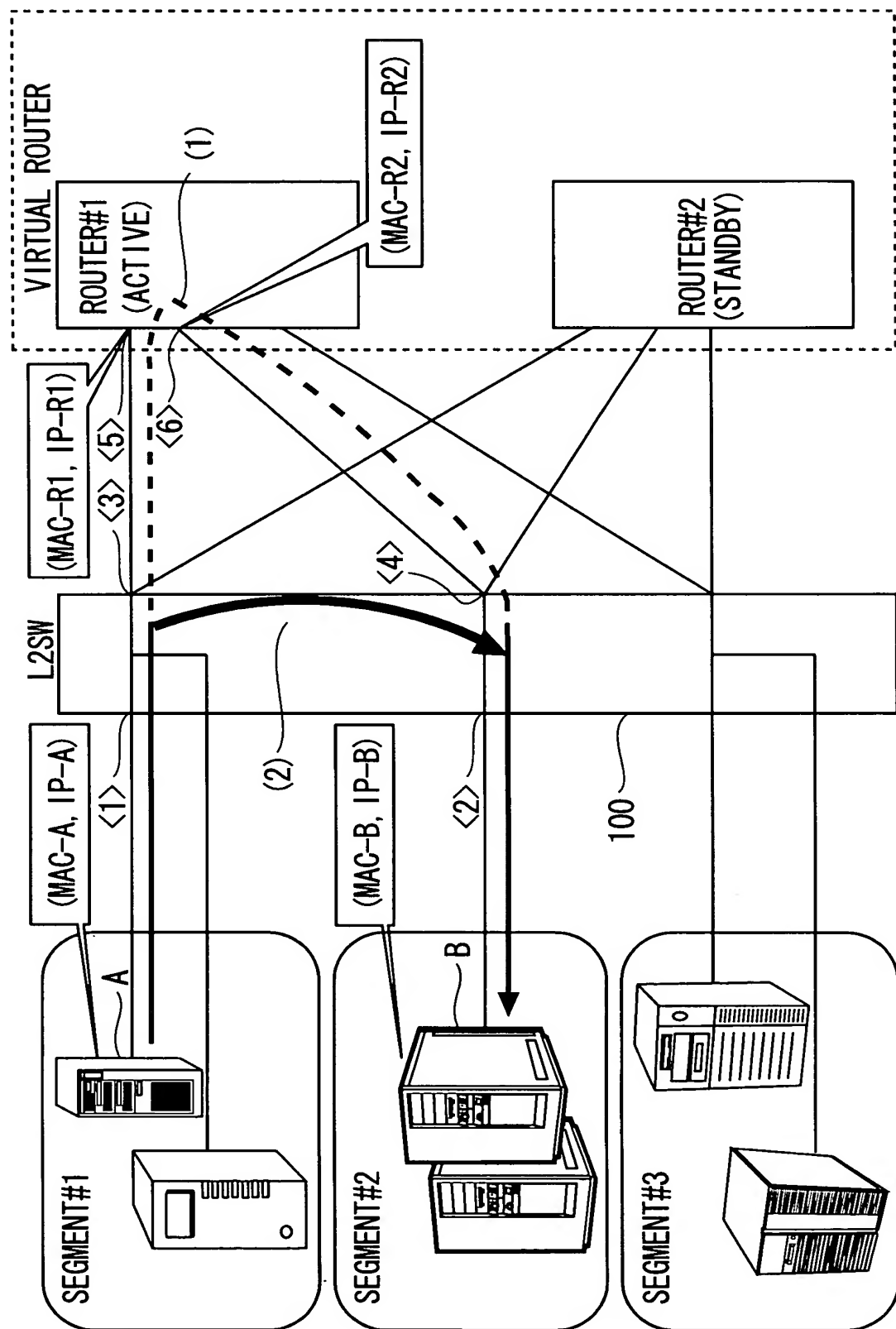


FIG. 4

TABLE1: CHARACTERISTICS OF DATA BETWEEN SEGMENTS UNDER L2SW

	DIRECTION OF DATA	MAC ADDRESS		IP ADDRESS	
		SOURCE	DESTINATION	SOURCE	DESTINATION
A→B DIRECTION DATA	INPUT	MAC-A <1>	MAC-R1 <3>→<5>	IP-A	IP-B
	OUTPUT	MAC-R2 <4>←<6>	MAC-B <2>	IP-A	IP-B
B→A DIRECTION DATA	INPUT	MAC-B <2>	MAC-R2 <4>→<6>	IP-B	IP-A
	OUTPUT	MAC-R1 <3>←<5>	MAC-A <1>	IP-B	IP-A

FIG. 5

ADDRESS TABLE

PORT	MAC ADDRESS	IP ADDRESS	TIMESTAMP
1	MAC-A	IP-A	
2	MAC-B	IP-B	

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FIG. 6

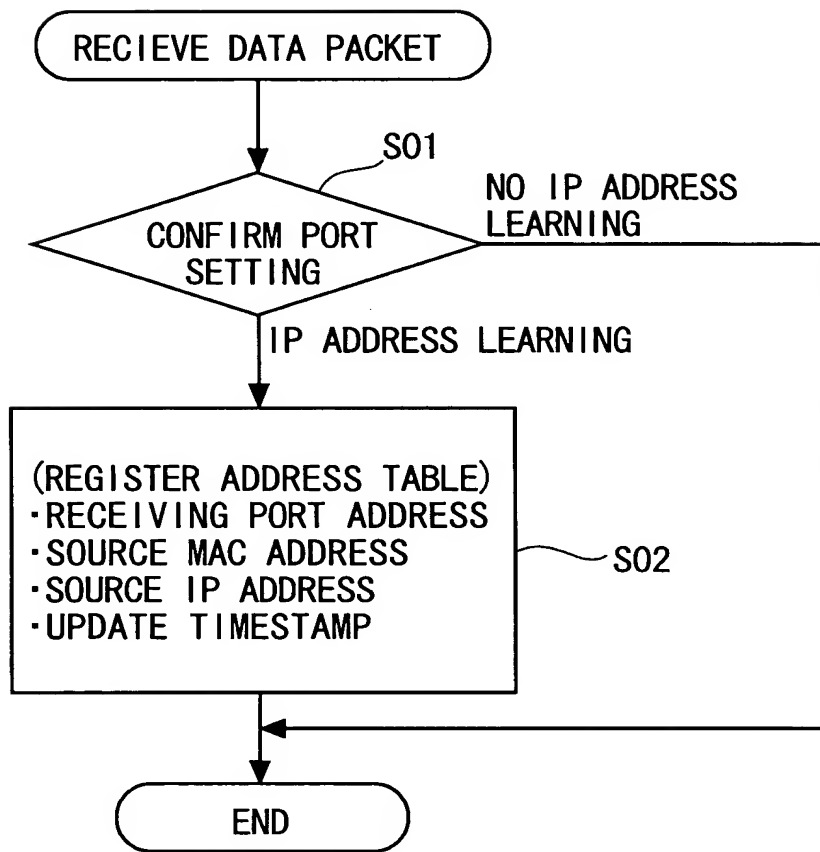


FIG. 7

FLOW TABLE 9

PORT	MAC ADDRESS		IP ADDRESS		TIMESTAMP
	SOURCE	DESTINATION	SOURCE	DESTINATION	
1	MAC-R1	MAC-A	IP-B	IP-A	
2	MAC-R2	MAC-B	IP-A	IP-B	

FIG. 8

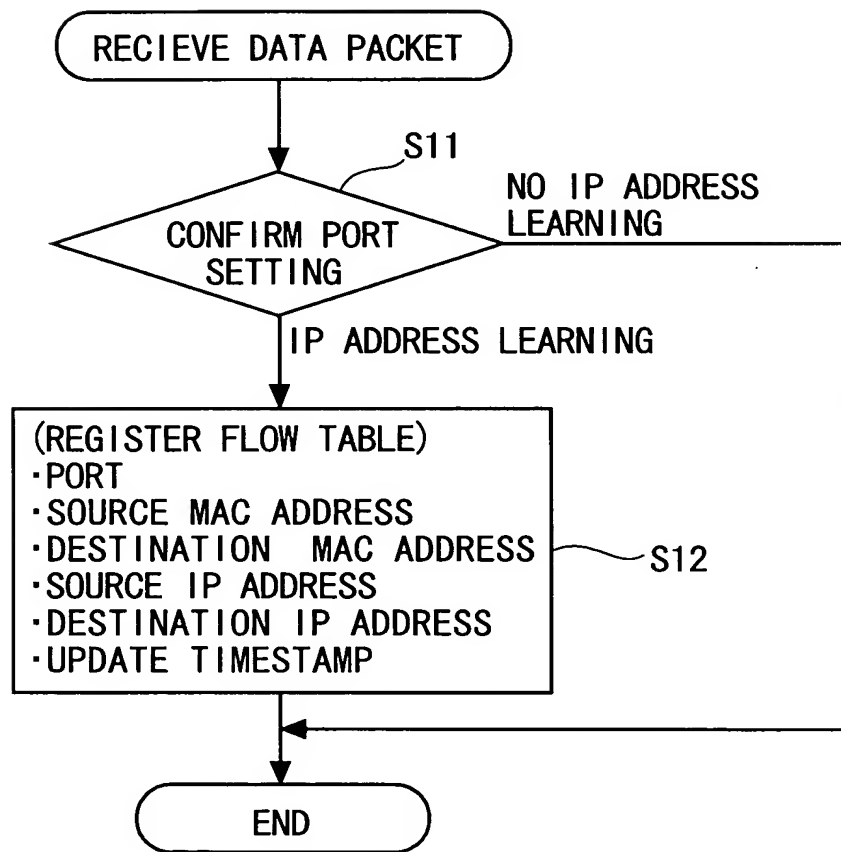


FIG. 9

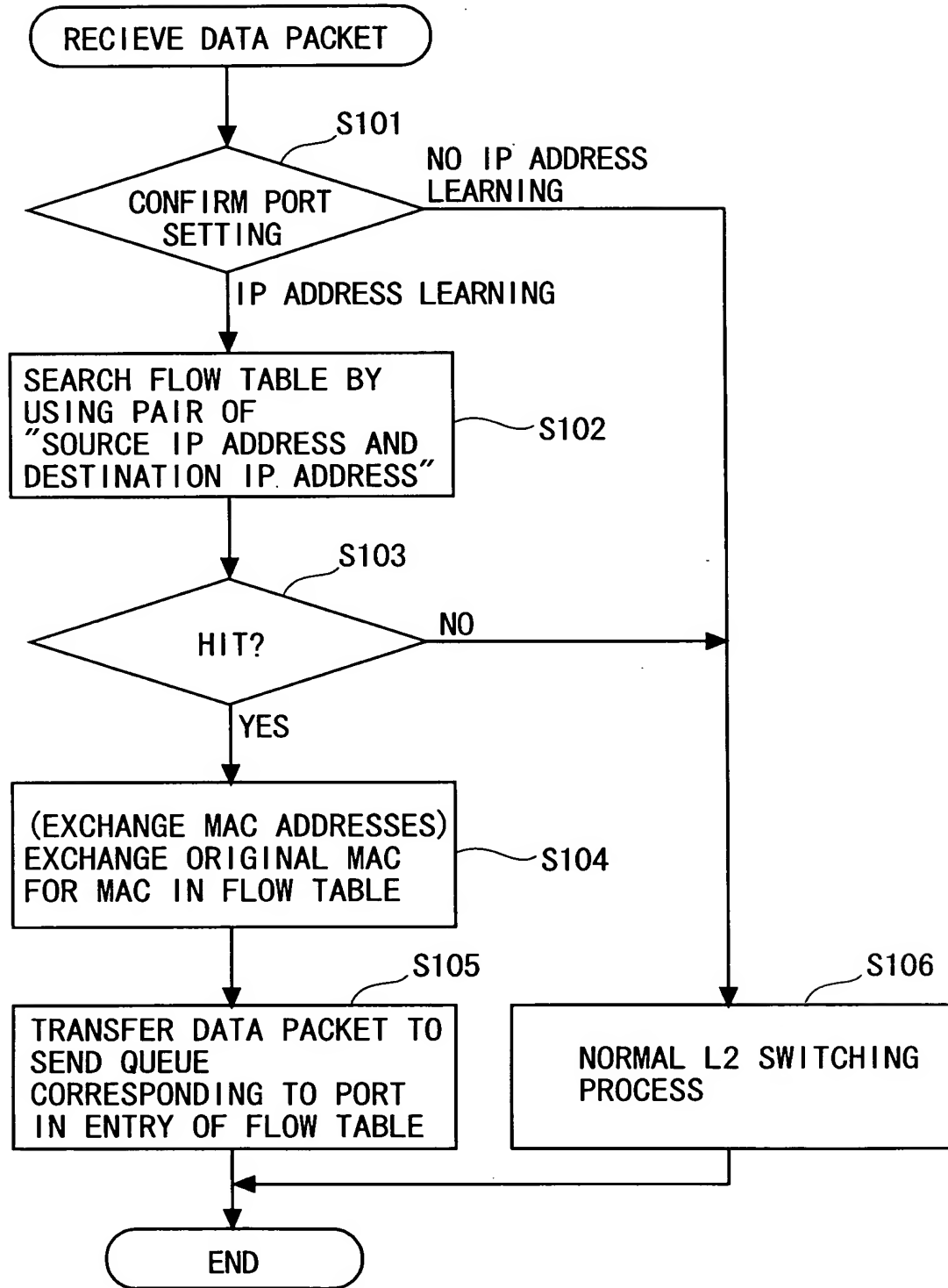


FIG. 10

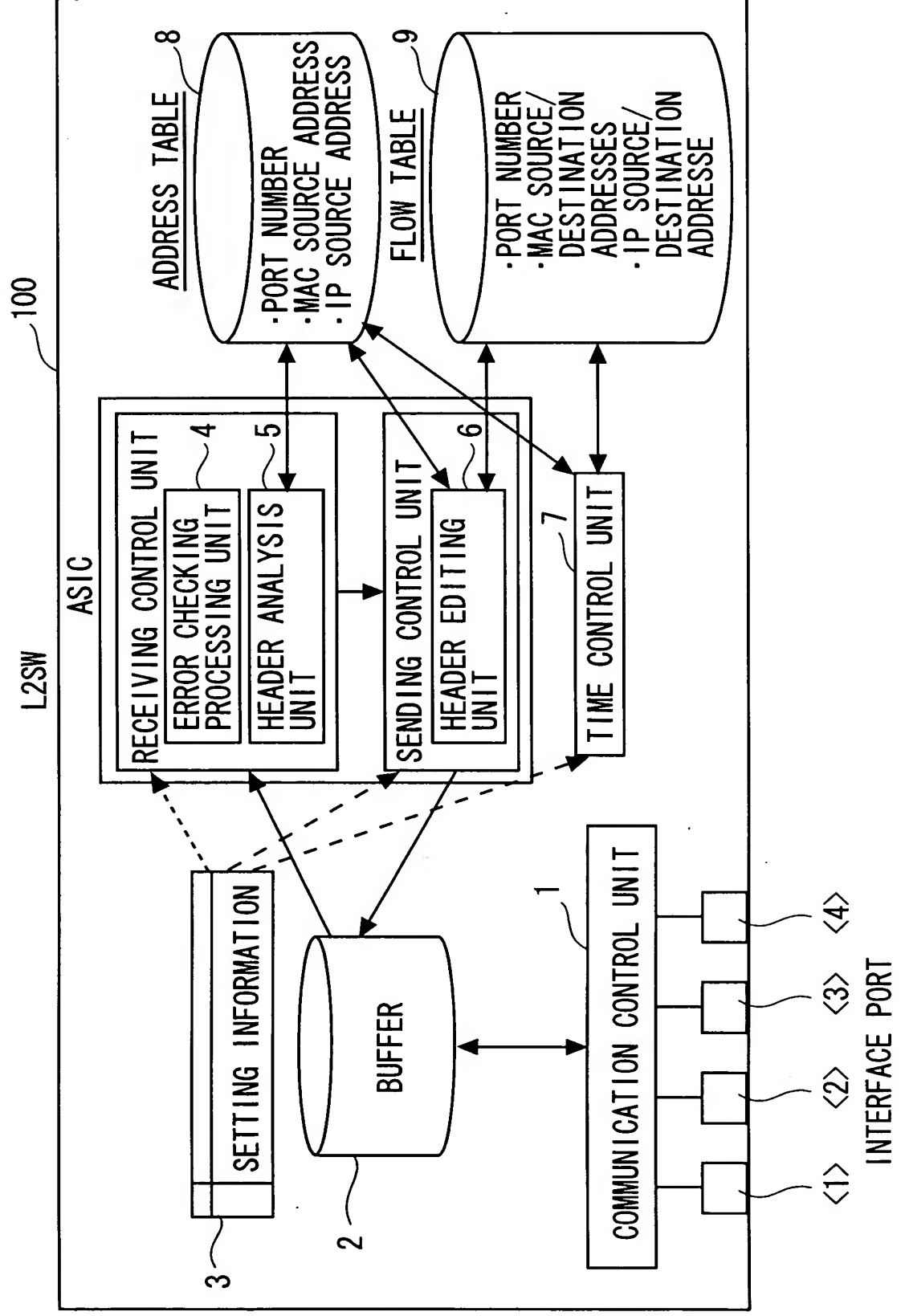


FIG. 11

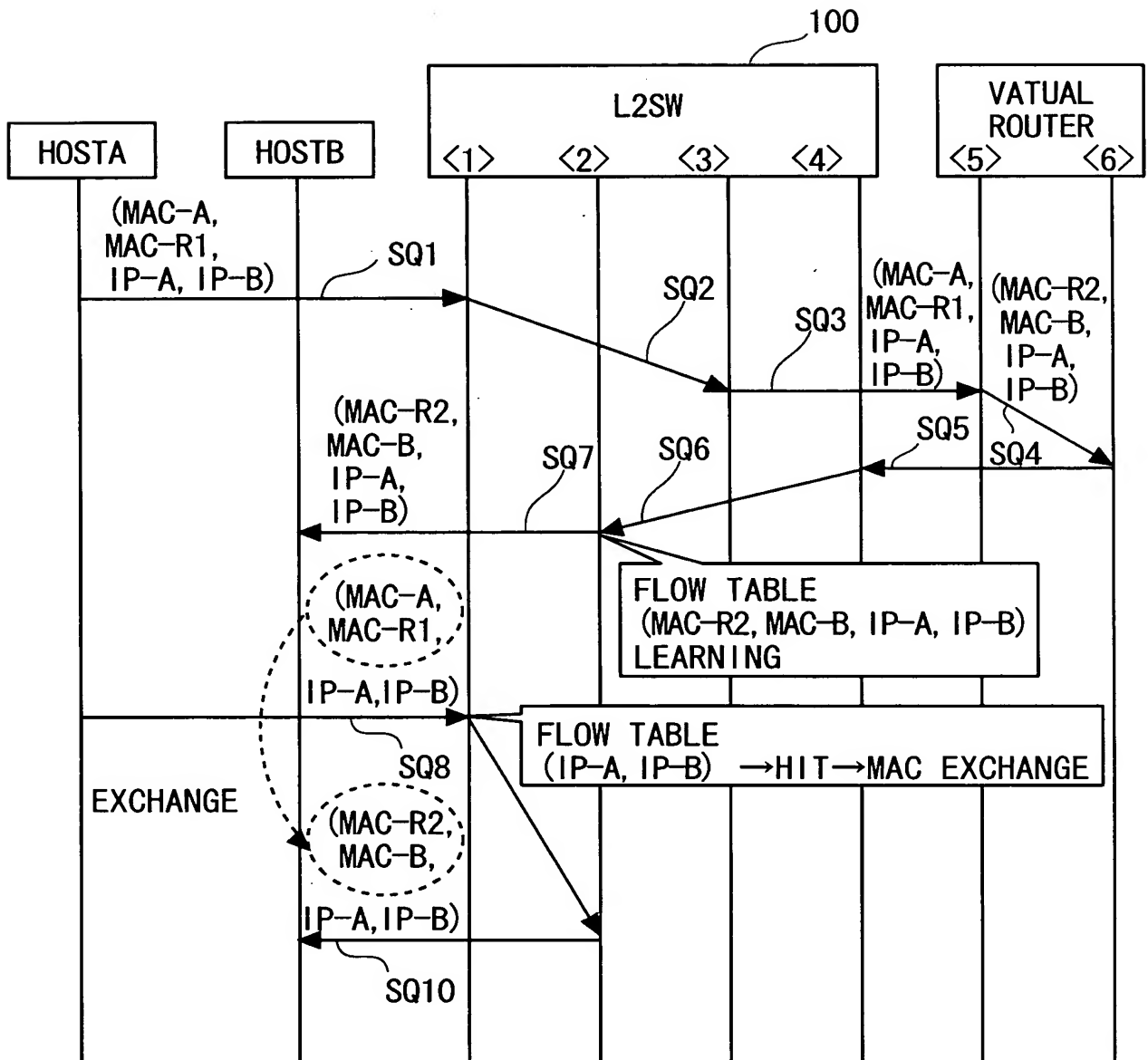


FIG. 12

PRIOR ART

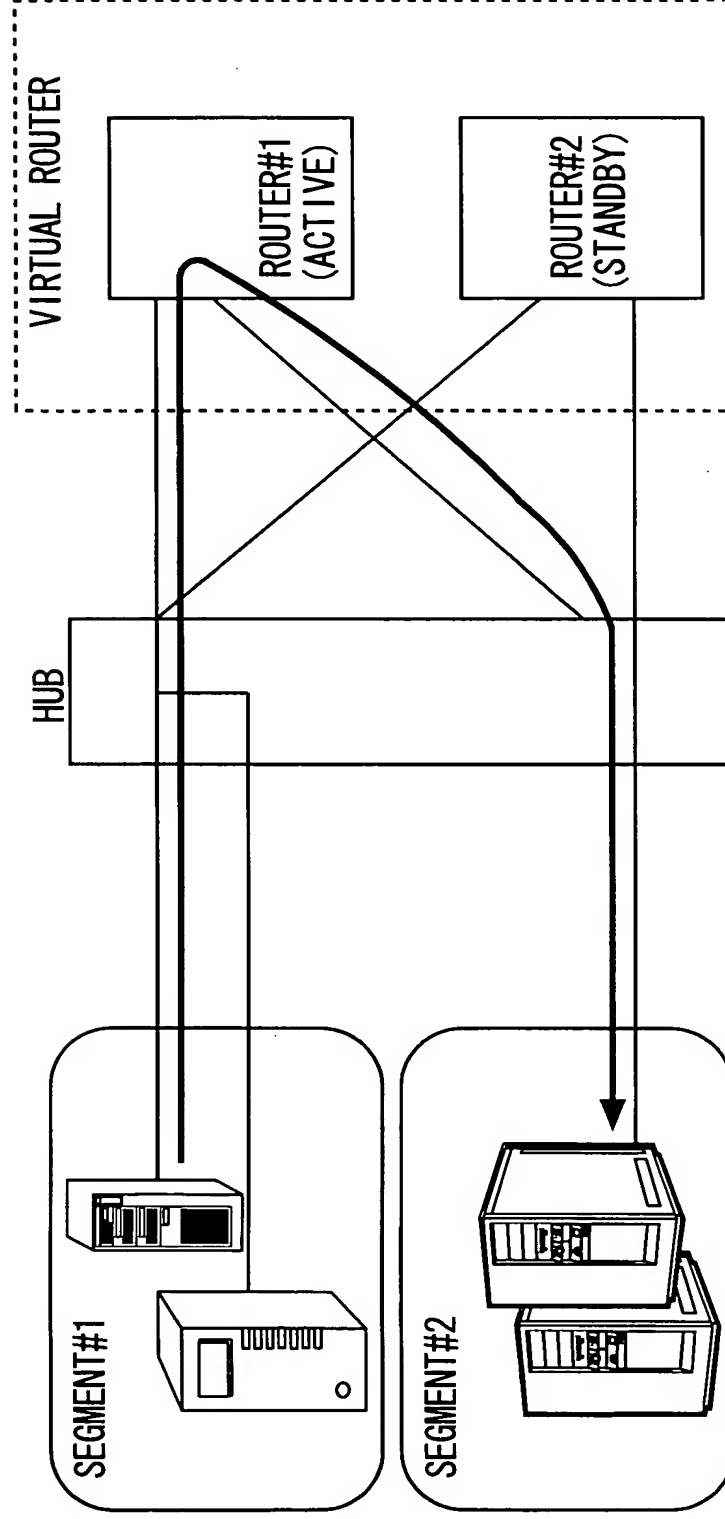


FIG. 13

PRIOR ART

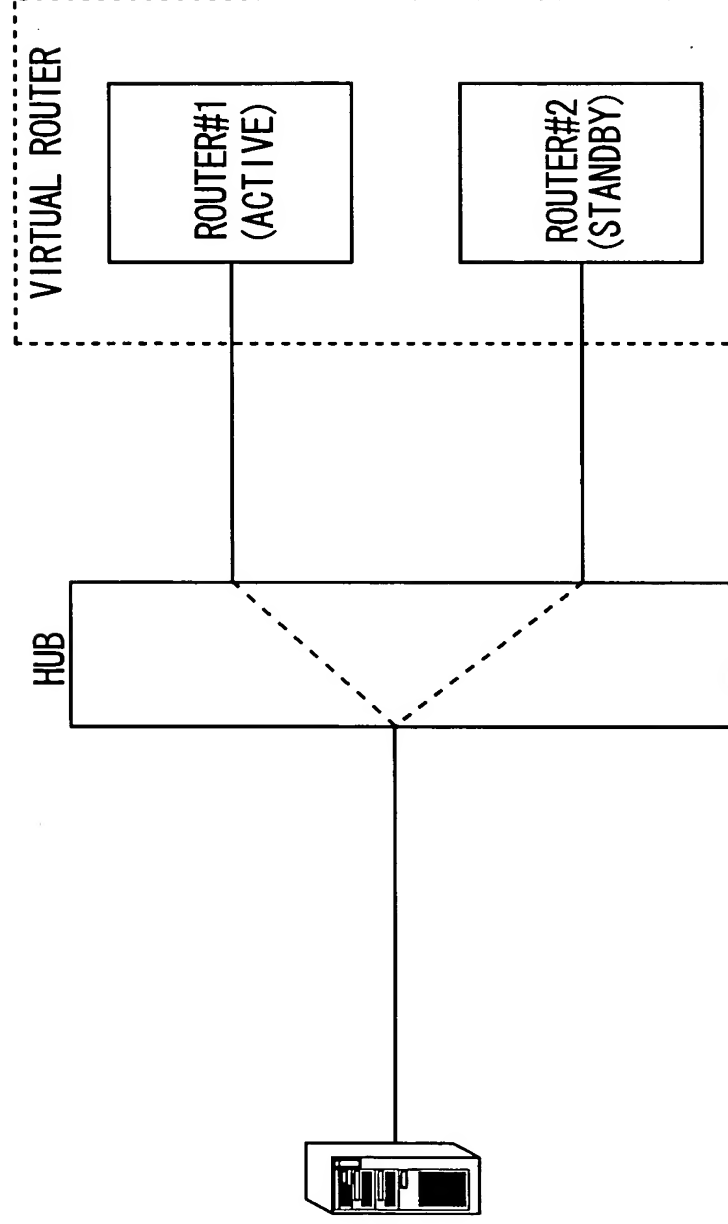


FIG. 14

PRIOR ART
HUB

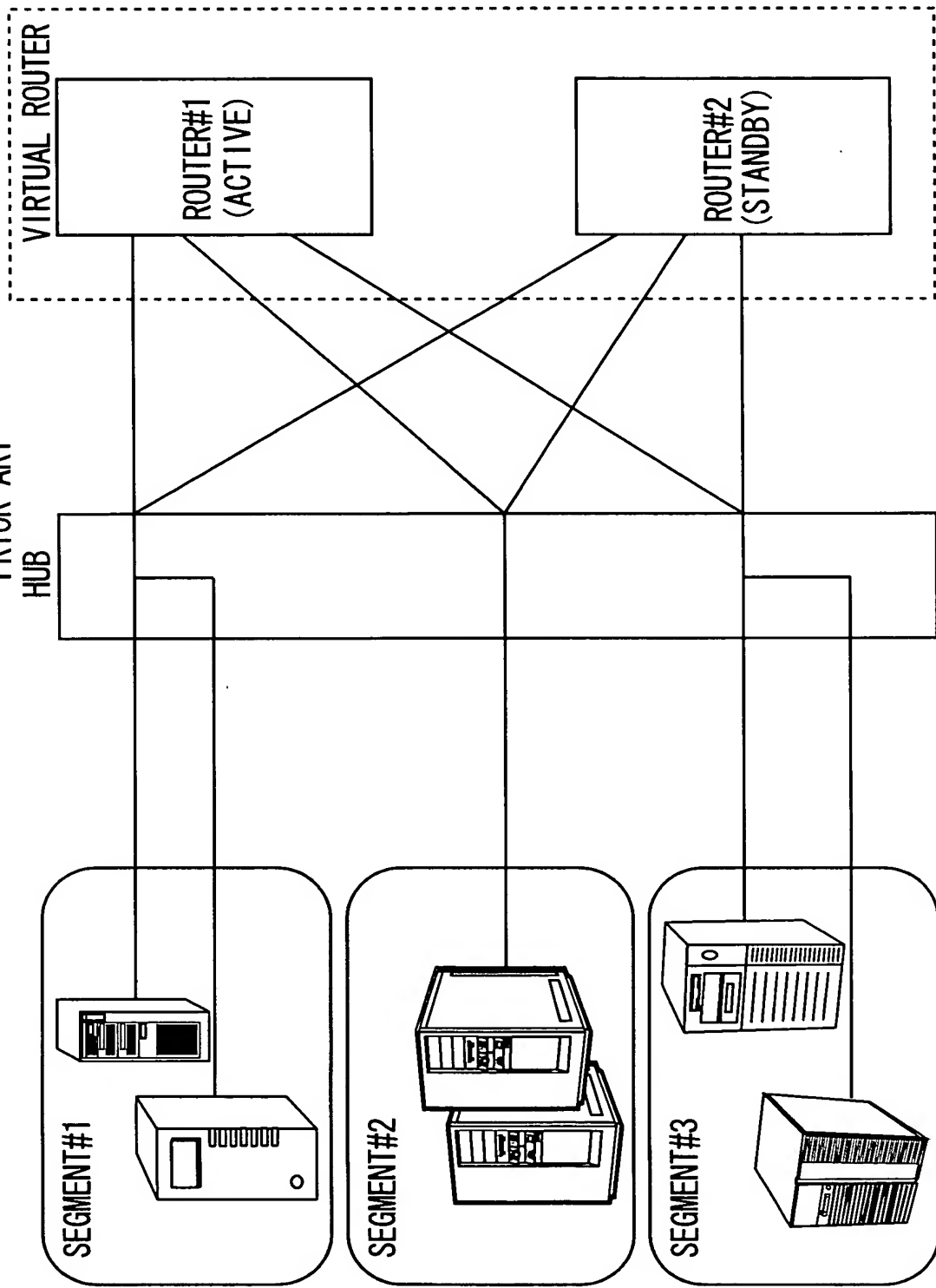


FIG. 15

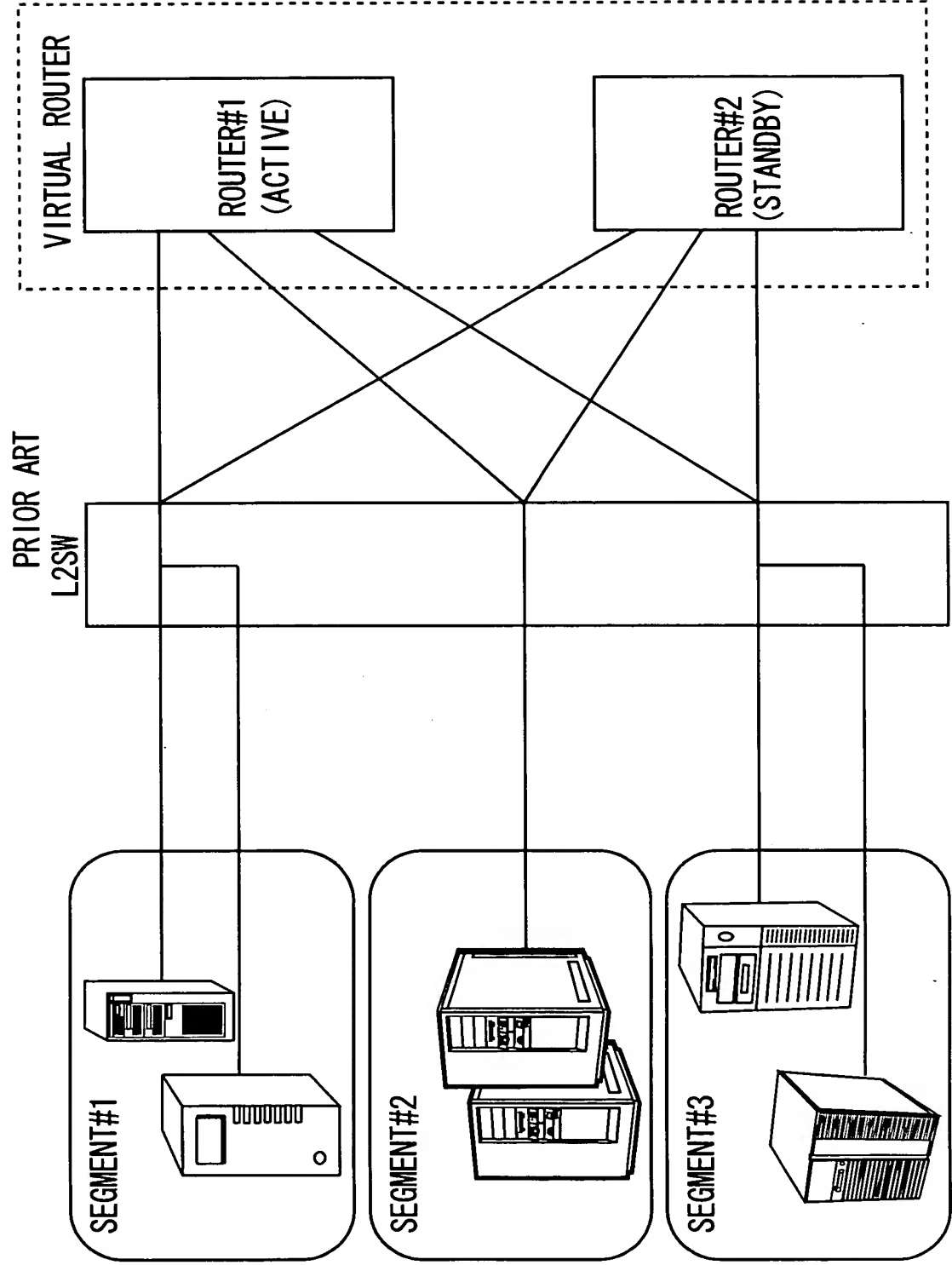


FIG. 16

PRIOR ART

